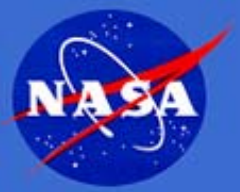




Today's Topics

- NASA's Procurement Tenets
- MSFC Procurement Office Overview
- MSFC Acquisition Planning Tool
- Ongoing MSFC Formal Source Evaluation Board Actions



Procurement Tenets

"Purpose"

- 85% of NASA's budget is obligated for procurements so NASA must maximize its buying power
- The Procurement Tenets are a set of principles for a NASA way of doing business with the objective of increasing NASA's ROI
- The Procurement Tenets are ancillary to the other Federal and Agency regulations, policies and core values
- Each Tenet shall be addressed by HQ, Project, Program and Contract Managers in their acquisition and procurement strategies, processes and procedures



Procurement Tenets

- *Maximize and Optimize Competition:* establish and take advantage of a competitive environment to meet NASA requirements
 - Early market research and continual communication with Industry
 - Focus on getting Industry's best solution, commitment and lower cost through a competitive environment
 - Evaluate performance as a factor in exercising options
 - Plan re-compete, shorter term contracts, component breakouts, have the right data and data rights on our contracts
 - Competition process will be thorough but not complicated
 - Consider knowledge level of the requirement, risk, number of capable companies in the market place, capital investment, transition time and acquisition cost to NASA and industry
- *Integrated Strategies:* involve all functional authorities early and throughout the planning process
 - Establish an Integrated Product Team environment
 - Inform and seek Industry input throughout the acquisition
 - Serves as road map for program execution and success



Procurement Tenets

- **Requirements:** clearly specify what is to be acquired
 - **Zero-based** approach in developing requirements
 - Requirements Need to Earn Their Way into Contracts: # of data deliverables, reviews and **only applicable** requirements
 - May need to modify institutional standards and processes
 - Get Industry's input as requirements are developed!
 - Clearly specify what NASA will do and what Industry will do
 - Focus on Performance Outcomes and allow Industry to determine Best Way to achieve desired outcome
 - Follow through in Project and Program execution
 - Look at Commonality: technical requirements and reporting
- **Streamline:** remove non-value added steps and requirements that do not support the desired outcome
 - Do not compromise on safety, good business decisions or successful completion
 - Seek Industry input on non-value processes and requirements
 - Seek process improvements and efficiencies



Procurement Tenets

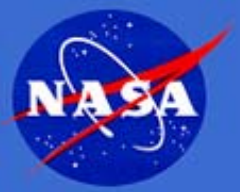
- *Performance Incentives*: use to enhance desired outcomes
 - Milestone-based
 - Pay for level of performance: metrics and standards
 - Focused on successful outcomes for technical, cost and schedule performance, small business
 - Shared Savings, Cost Management and Lower Life Cycle Cost
- *Merge NASA's and Industry's Core Expertise*
 - Define NASA and Industry's role with Research, Design, Development and Integration for Projects
 - Requires a tight NASA and Industry Team with appropriate "arms length" relationship
- *Common NASA Contracts and Strategies*
 - Common face to Industry
 - NASA Contract: Not a Center or Mission Directorate Contract
 - Not "zip code" dependent



Procurement Tenets

- *Turn Contract Upside-Down:* understand the supply chain of a requirement
 - Insight of Prime Contractor's supply chain management
 - Aggressive Pursuit of Socio-Economic Goals with Prime Contractors that are realistic, efficient and effective
 - Personnel, teams, subcontractors and suppliers share in objectives and rewards
- *Contract Cost:* reduce the Cost and Cost Risk for procurements
 - Move towards firm-fixed-price contracts after development and on repetitive service contracts
 - Use award fee contracts on high risk development contracts
 - Perform work load analysis
 - Eliminate "pass through" contracts

Purpose of the Tenets is to Maximize Return on Investment (ROI) for Industry and NASA!



MSFC Support Contracts

General Operations & Support

Contract Title	Fixed Price	Cost Type	Description
Logistics Services	\$140,000,000		Mission & IDIQ w/Award Term
CASS	\$25,000,000		IDIQ
COSS	\$145,000,000		Mission & IDIQ
Medical Center Operations	\$12,000,000		Mission & IDIQ
UNITeS		\$960,000,000	CPAF
Acq. & Business Support	\$50,000,000		Mission & IDIQ
Grounds Maintenance	\$5,000,000		Mission & IDIQ
Environmental Engineering	\$25,000,000		IDIQ
Building Monitor and Cont.	\$3,000,000		Mission & IDIQ
Const. Inspection Services	\$12,000,000		IDIQ
OSAC		\$50,000,000	CPIF/Mission & IDIQ
Office of Human Capital		\$35,000,000	CPIF/Mission & IDIQ
Engr. Services (Const.)		\$24,000,000	Mission
Custodial	\$22,000,000		Mission & IDIQ
NETWORx	\$150,000,000		Lump Sum
TOTAL Dollars	\$589,000,000	\$1,069,000,000	



MSFC Support Contracts

Engineering & Technical Support

Contract Title	Fixed Price	Cost Type	Description
SDOS		\$568,000,000	CPAF/Mission & IDIQ
METTS		70,000,000	CPAF/Mission & IDIQ
HOSC		\$117,000,000	CPAF/Mission & IDIQ
Engineering Estimating Supt	\$3,000,000		Lump Sum
Engineering Design Services		\$24,000,000	Mission
ESTS		\$543,000,000	CPAF/Mission & IDIQ
Tech Standards	\$2,000,000		Lump Sum
Engr – Electronic Delivery	\$4,000,000		Lump Sum
CMDM		\$49,000,000	CPAF/Mission & IDIQ
S&MA Support		\$174,000,000	CPAF/Mission & IDIQ*
TOTAL Dollars	\$9,000,000	\$1,545,000,000	
	*also includes 5 yr Award Term		



MSFC Procurement Organization

- Unsolicited Proposal Coordination
- Cost Analysis Coordination
- Policy & Related Functions
- Data Systems Management
- Contract Review
- Credit Card Coordination
- Training
- NASA Acquisition Internet Service (NAIS)
- IEMP/CMM
- SEB/PEB Coordination
- Small Business Office

**Byron Butler, Director
Vacant , Deputy Dir.
PS01/Office of Procurement**

**PS10/Teresa Foley-Batts
Policy & Information
Mgmt. Office**

**PS20/Kim Whitson
Engineering
Support Office**

- Engineering Programs Of.
- Instrument & Payload Systems Dept
- Spacecraft & Vehicle Systems Dept
- Propulsion Systems Dept
- Mission Operations Lab
- Materials & Processes Lab
- Test Lab
- Grant, SBIR, SAT awards
- Roll Control Engine

**PS30/David Iosco
Institutional
Support Office**

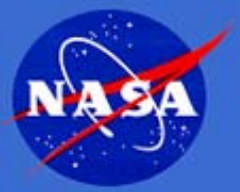
- Equal Employment Office
- Human Capital
- Strategic Analysis & Communications
- Chief Information Officer
- Chief Financial Office
- Procurement Support
- Center Operations
- Construction
- Facility leases

**PS40/Emil Posey
Space Transportation
Support Office**

- Shuttle Propulsion Office
 - ET Project
 - SSME Project
 - RSRB Project
 - RSRM
 - MAF Transition
- Ares Project Office
 - Ares I
 - Upper Stage Element
 - IUA Element
 - J2x Element
 - 1st Stage
 - Ares V

**PS50/Mark Stiles
Science & Space
Systems Support Office**

- NSSTC & Space Partnerships
- Optics, Earth & Space Science
- LPRP/Robotic Lander
- Lunar Lander
- Orion & Constellation Level II
- In-Space Propulsion
- Nuclear Systems
- Exploration Technology Dev.
- Discovery & New Frontiers
- ECLSS and ISS Payloads
- Chandra/GP-B/Solar B
- Systems Dev. & Ops Support
- Safety & Mission Assurance



PS20/Engineering Support Office

PS20
Office Manager:
Kim Whitson
MSA B. Smith

PS21
Office Chief: Roxanne Melton
Engineering Programs & Systems
Support

PS22
Office Chief: Mike Sosebee
Engineering Lab Support

Engineering Science & Tech. Services -
ESTS (Jacobs Group)

Configuration & Data Mgmt. – CDM
(COLSA)

Ares Avionics

Tech Standards (IHS, Inc)

Specialized Engineering BPA Administration

Small Business Innovation Research (SBIR)

Technology Transfer

Roll Control Engine

Marshall Engineering Technicians & Trades
Support (METTS) (InfoPro Corp)

Huntsville Operations Support Center –
HOSC (COLSA)

Propellants Pressurants & Calibration –
PP&C (Teledyne Brown Engineering)

Propulsion Materials Testing (SRI)

National Center for Advanced Composite
Manufacturing – NCAM (U. New Orleans)

Center's Simplified Acquisition Threshold
(SATs) & Non-Institutional Grants

NOAX RCC, i.e., Experimental Reinforced
Carbon-Carbon, Material (ATK Thiokol)



PS30/Institutional Support Office

PS30
Office Manager: David Iosco
MSA S. Moore

PS31
Office Chief: Walt Melton
CIO & Ctr. Support Office

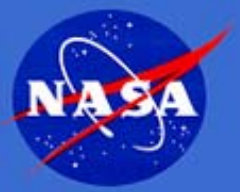
ODIN (Lockheed Martin)
UNITeS (SAIC)
Protective Services (Coastal)
Logistics Services (EG&G)
NETWORx
(new competition)

PS32
Office Chief: Ketela Helton
Ops & Business Support Of.

Custodial & Refuse Collection
(Gana-a' Yoo)
Utility Control Services (Erica
Lane Enterprises)
Grounds Maintenance (Chugach)
Architect & Engineering
Construction BPAs & IDIQs
Acquisition & Business
Support (Digital Fusion)
Center Ops. Support (EG&G)
Occupational & Environmental
Health (AJT & Associates)

PS33
Office Chief: Vacant
Human Capital/OSAC

Office of Human Capital
(Will Technology)
Office of Strategic Analysis
& Communications
(Schafer Corp.)
Office of Diversity & Equal
Opportunity
Centerwide Administrative
Services (Deltha-Critique)



PS40/Space Transportation Support Office

PS40
Office Manager:
Emil L. Posey
MSA E. Kuespert

PS41
Office Chief: Bryan Williford
Solid Propulsion Support
Office

PS42
Office Chief: Harry Craig
Liquid Propulsion Support
Office

PS43
Team Lead: Earl Pendley
Tankage Support Office

Reusable Solid Rocket Motor

ATK Launch Services

Solid Rocket Booster

United Space Alliance
(SPOC)

Ares I First Stage

ATK Launch Services

Other Ares support

- Ares V

Space Shuttle Main Engine

Pratt & Whitney Rocketdyne

Santa Susana Field Lab

Boeing Co.

J-2X Engine

Pratt & Whitney Rocketdyne

Other Shuttle Support

Shuttle Transition

Shuttle External Tank

Lockheed Martin Corporation

Ares I Upper Stage (US)

Boeing Co.

Ares I US Instrument Unit

Avionics Boeing Co.

Ares V Advance Planning

Michoud Assembly Facility

(MAF) Manufacturing

Support & Facilities

Operations Contract

TBD (Competitive)



PS50/Science & Space Systems Support Office

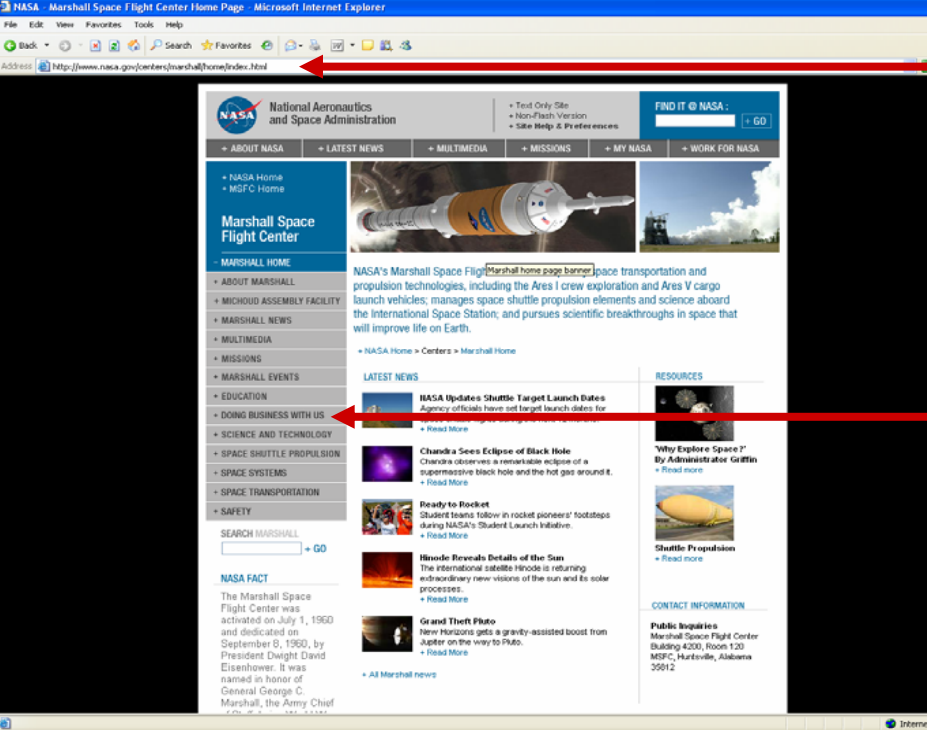
PS50
Office Manager:
Mark Stiles
MSA L. Peterson

PS51
Office Chief: Melinda Dodson
Science Support office
(SMD)

**National Space Science &
Technology Center (NSSTC)**
Space Partnerships
Chandra/GP-B/Solar B
(SAO/Stanford U./Lockheed)
**Discovery, New Frontiers &
Lunar Science**
Earth Science
Space Science
Optics

PS52
Office Chief: James Bailey
Systems Support Office
(SOMD/ESMD)

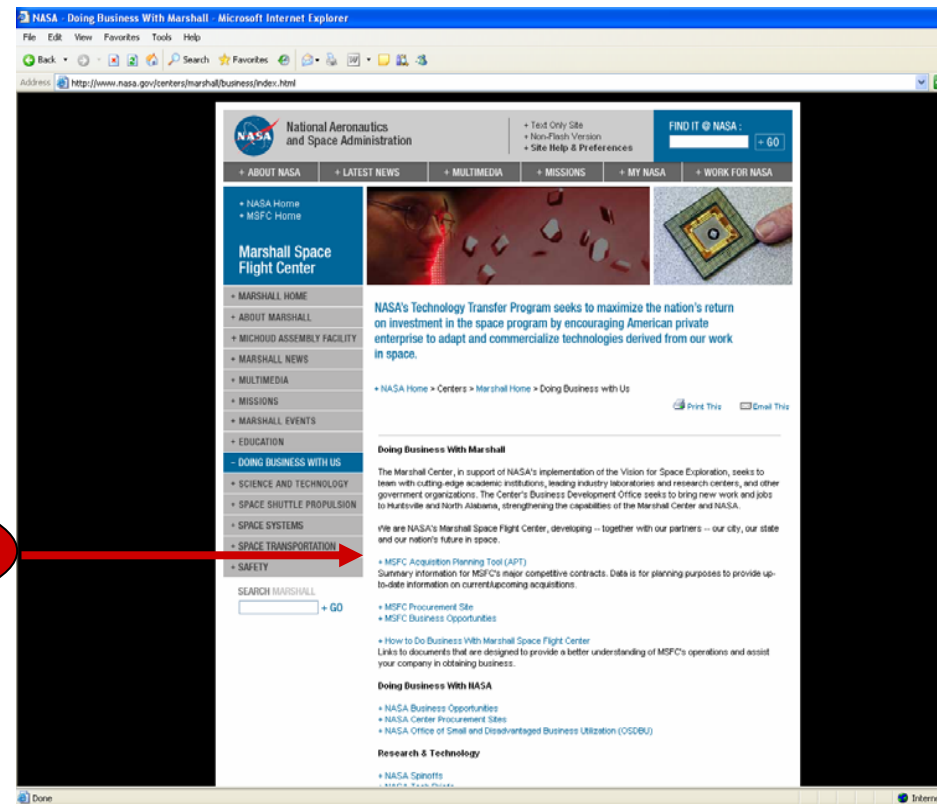
Systems Dev. & Ops Support
(Teledyne Brown Engineering)
ECLSS and ISS Payloads
(Hamilton Sunstrand)
Exploration Technology Dev.
Constellation Level II & Orion
Nuclear Systems
Lunar Precursor Robotic Program
Robotic Lander Project (APL)
Lunar Lander
S&MA Support (HEI)



1. <http://www.nasa.gov/centers/marshall/home>

2. + DOING BUSINESS WITH US

3. MSFC Acquisition Planning Tool (APT)





Acquisition Planning Tool (APT)

Following web address will take you to APT portal for MSFC:

http://ec.msfc.nasa.gov/cgi-bin/eis/eis_apr.cgi

Current Award							Recompete Information
Title	Incumbent	Contract Number	Potential Value	Current Award Date	Current POP Expiration		
NASA INTEGRATED TECHNICAL STANDARDS SYSTEMS (ITSS)	INFORMATION HANDLING SERVICES	NNM06AA02C	3,120,000	06/29/2006	06/29/2011	Schedule & Supporting Documents	
Current Award Unexercised Options Acquisition Planning Cycle	2006	2007	2008	2009	2010	2011	
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Current Award							Recompete Information
Title	Incumbent	Contract Number	Potential Value	Current Award Date	Current POP Expiration		
ELECTRONIC SUBSCRIPTION DELIVERY OF STANDARD PRODUCTS	INFORMATION HANDLING SERVICES	NNM06AA03C	4,221,342	06/29/2006	06/29/2009	Schedule & Supporting Documents	
Current Award Unexercised Options Acquisition Planning Cycle	2006	2007	2008	2009			
Current Award							Recompete Information
Title	Incumbent	Contract Number	Potential Value	Current Award Date	Current POP Expiration		
UTILITY CONTROL SYSTEMS (UCS)	MAINTHIA TECHNOLOGIES	NNM06AA72C	2,326,532	03/31/2006	03/31/2008	Schedule & Supporting Documents	
Current Award Unexercised Options Acquisition Planning Cycle	2006						
	2007						
	2008						
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Current Award							Recompete Information
Title	Incumbent	Contract Number	Potential Value	Current Award Date	Current POP Expiration		
INSPECTIONS SERVICES FOR MSFC ON-SITE CONSTRUCTION	BECK R W	NNM06AA79C	11,120,880	04/14/2006	04/15/2011	Schedule & Supporting Documents	



Major Ongoing SEBs/SECs

Procurement Title

Award Date

- Occupational Medicine & Environmental Health
- NETWORKX Service
- Michoud Assembly Facility (MAF) Manufacturing Support and Facility Operations Contract (MSFOC)

08/21/2008

09/30/2008

12/01/2008

